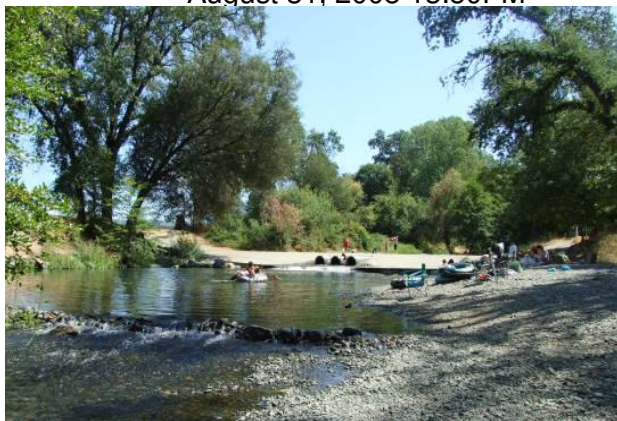


SWAMP Safe-to-Swim Study, Labor Day 2008 -Before, During and After Labor Day Squirrel Creek in Western Gateway Park, Penn Valley (516NEV906)

August 27, 2008 13:35PM



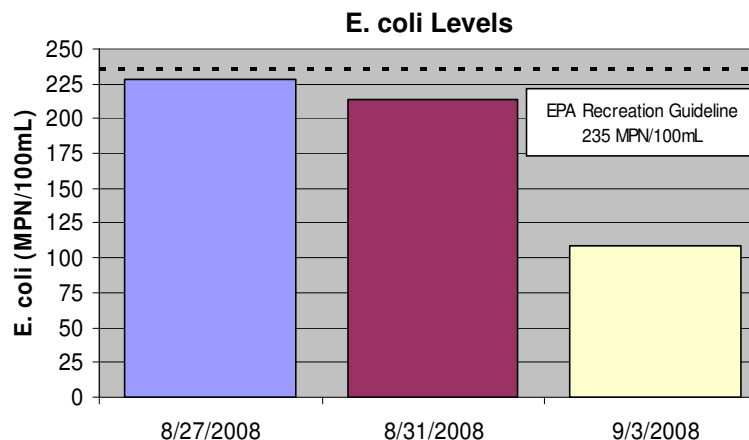
August 31, 2008 13:50PM



September 3, 2008 13:50PM

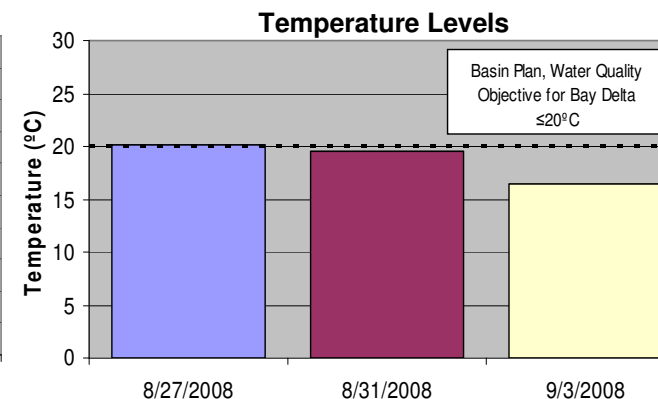
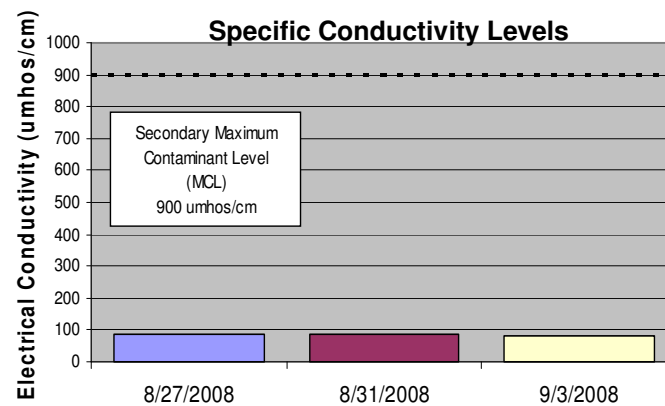
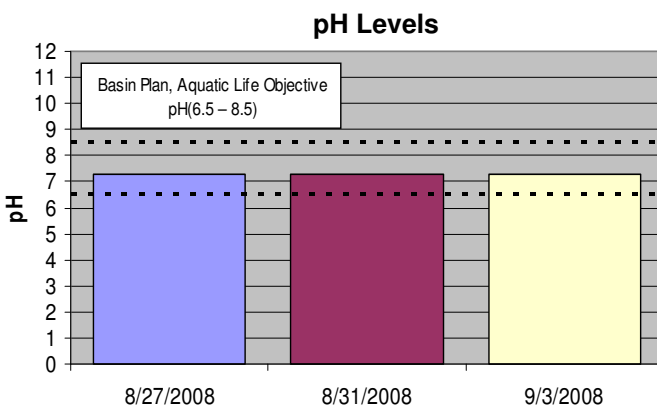


The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance with field collection was provided by a number of local watershed groups.



Summary sheets for all sites included in this study can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/index.shtml



The Friends of Deer Creek assisted with field collection at this site

DRAFT DATA – SWAMP Safe-to-Swim Study, Labor Day 2008

Description of Sample Site: Squirrel Creek in Western Gateway Park, Penn Valley
 SWAMP Site ID: 516NEV906
 Watershed: Deer Creek Watershed
 County: Nevada
 Longitude: -121.190609
 Latitude: 39.204047

Constituent	Water Quality Guideline	Wednesday August 27, 2008	Sunday August 31, 2008	Wednesday September 3, 2008
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	228.2	214.2	108.1
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level)	84.9	84.7	80.3
pH	6.5-8.5 (Basin Plan Objective)	7.28	7.30	7.28
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta)	20.1	19.6	16.5

- NOTES: Duplicate E.coli field samples were taken at this site. Values were within Quality Assurance (QA) parameters. The duplicate QA field sample on 8/27/08 exceeded the 235 MPN/100mL EPA guideline with a value of 260.3 MPN/100mL
- Shaded table cells contain values that do not meet the water quality guidelines
- The Friends of Deer Creek assisted with field collection at this site